



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

649.5110

Job Sheet 209032



Part No: 649.5110

Job Qty: 16 pcs

Part Name: Wiper Deflector



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 4/8/20

Job Tracking No:

Due Date: 4/24/20

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG 649.5100 REV.D SHEETS 1,3 IPP REV A NEW ISSUE R.Q. 13/10/03 VERIFIED BY: J.F.S. IPP REV:B
18.03.28 AS PER DWG REV.D DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Bandsaw - 1	16 pcs		11/18/20	0.00	8.14	Bandsaw - 1		J.C.C. 20-08-19
110	HAAS 4 Axis - B4B	16 pcs		11/19/20	1.00	8.14	HAAS - 1 - B4B		J.C.C. 20-08-19
							HAAS - 2 - B4B		
							HAAS - 3 - B4B		J.C.C. 20-08-19
							HAAS - 4 - B4B		
120	QC 2	16 pcs		11/19/20	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		J.C.C. 20-08-19
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		



Container No: S295078



Part: 649.5110

Job No: 209032

Serial No/Batch: S295078

Revision: D

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 08/19/20

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130 QC 8	16 pcs	11/19/20	0.00 0.00	QC 2 - 63	
				QC 2 - 8	
				QC 2 - 66	
				QC 2 - 64	
				QC 2 - 65	
				QC 2 - 5	
				QC 2 - 71	
				QC 2 - 73	
				QC 2 - 69	
				QC 2 - 76	
				QC 2 - 86	
				QC 8 - 12	
				QC 8 - 14	
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
				QC 8 - 47	
				QC 8 - 40	
				QC 8 - 52	
				QC 8 - 23	
				QC 8 - 57	
				QC 8 - 76	
				QC 8 - 61	
				QC 8 - 66	
				QC 8 - 73	
140 Outsource - 4 - Anodize	16 pcs	12/1/20		ATG001-VC	8
150 Packaging 2-1 - Receive - B4B	16 pcs	12/1/20	0.00 0.00	Packaging 2 - 1 - B4B	
				Packaging 2 - 2 - B4B	
				Packaging 2 - 3 - B4B	
				Packaging 2 - 5 - B4B	
				Packaging 2 - 4 - B4B	
				Packaging 2 - 6 - B4B	
				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	
				Packaging 2 - 14 -	

11/20-08-24

11/2020-08-26

SEP 02 2020

				B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
				Packaging 2 - 37 - B4B	
155 QC 6	16 pcs	12/1/20	0.00 0.00	QC 6 - 9	
				QC 6 - 68	
				QC 6 - 61	
				QC 6 - 40	
				QC 6 - 81	
				QC 6 - 82	
180 Packaging 3-1 - Stock - B4B	16 pcs	12/1/20	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 -	

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Part Op **100** - (Bandsaw) Cut Blank at 4.625"
 Descriptions: **110** - (HAAS CNC Vertical Machine 1-Machine per folio FB214 DWG REV: 0 FOLIO REV: AA 2- deburr and break all sharp edges
120 - (QC2- Inspect parts off machine FAI/FAIB) QC2- Inspect parts off machine FAI/FAIB
130 - (QC8- Inspect parts - second check) QC8- Inspect parts - second check
140 - (Outsource process-Anodize per QSI017 4.1.10.1) Outsource process-Anodize per QSI017 4.1.10.1 Issue P/O to ATG: 46960 1- Black Anodize as per Dwg 649.5100 2- PRIME AS PER DWG, SEE NOTE #2 Certification of

Conformity is required

150 - (Receive & Inspect for Damage & Mat'l Certs) Receive & Inspect for Damage & Mat'l Certs

180 - (Identify as per dwg & Stock Location: _____) Identify as per dwg & Stock Location: _____ ***IDENTIFY AS

PER APICAL MPP-120 BY STAMPING P# AND REV***

190 - (QC21- Final Inspection - Work Order Release) QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M7075T6B1.500X1.500	7075 T6 Bar 1.500 X 1.500 see mat'l	6.1600 ft (.385 ea)	100-Bandsaw - 1	5256 776
	M7075T6S1.500X1.500			

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Bandsaw - 1	M7075T6B1.500X1.500 5 DAS 21 9-88	6	0	0

Part Specifications

Specifications could not be found.

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DART AEROSPACE LTD	Work Order:	209032
Description: Wiper Deflector	Part Number:	649.5110
Inspection Dwg: 649.5100 Rev: D		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

[illegible]

Measured by: J.C.V.	Audited by: 20 9-89	Preliminary Approval:
Date: 20-08-19	Date: 20-08-24	Date:

Rev	Date	Change	Revised by	Approved
A	14.06.26	New Issue	KJ	
B	19.04.02	New revision and dimension added	MG <i>[Signature]</i>	<i>[Signature]</i>

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **POHB046960**



Supplier: ATG001-VC
A.T.G. Industries Inc
760 INDUSTRIELLE STREET
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB046960

PO Date: 8/26/20

Due Date: 9/11/20

Purchase Order

Revision:

Revision Date:

Issued By: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pyrm Terms: Net 60

Freight Terms:

Special Comments:

E-MAILED
2020-09-01

Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	212436	649.4814	649.4800 Rev E	Doubler : Various STC's ISSUE P/O: HARD ANODIZE, COLOR BLACK AS PER DWG.(SEE NOTE 2) PRIME IAW MIL-P- 23377J TYPE1 CLASS N AS PER DWG. (SEE NOTE 2)	Firmed X10	-	9/4/20	10 pcs	0 pcs	10 pcs	\$7.52/pcs	\$75.20
2	210880-A	646.9715	646.9700 Rev.J	Body : Various STC's Issue P/O to ATG: AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.2, PRIME AS PER IAW MIL-PRF-23377 TYPE 1 CLASS N Certification of Conformity is required	Firmed X1	-	9/11/20	1 pcs	0 pcs	1 pcs	\$15.77/pcs	\$15.77
3	211112	RB H4713-1	RB H4713 Rev F	Drain Hose Body -Issue P/O to ATG - STRIP -ANODIZE COLOR RED, PER IAW MIL-A- 8625 TYPE-2 CLASS-2, Water sealant As Per Dwg RB910-0020-1 Rev. 2	Firmed X4	-	9/11/20	4 pcs	0 pcs	4 pcs	\$8.41/pcs	\$33.64



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PURCHASE ORDER

POHB046960



Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4	R209885	RBW6210G01631-8G-4	RBW6210G01631-8G Rev C	Support -Issue P/O; -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed X1	-	9/11/20	1 pcs	0 pcs	1 pcs	\$8.41/pcs	\$8.41
								SEP 02 2020				
5	211997	C2-1-1	C2-1-1 Rev 4	Manual Release Knob (Outsource process- Anodize per QSI017 4.1.10.1) -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed X6	-	9/4/20	6 pcs	0 pcs	6 pcs	\$8.41/pcs	\$50.46
								SEP 02 2020				
6	209034	649.5113	649.5100 Rev D	Wiper Deflector Shim : Various STC's - Issue P/O to ATG : - Hard Anodize Black, Type 3, Class 2 as per Dwg. - Prime as per Dwg. Certification of Conformity is required.	Firmed X10	-	9/4/20	16 pcs	0 pcs	16 pcs	\$7.52/pcs	\$120.32
								SEP 02 2020				
7	209032	649.5110	649.5100 Rev D	Wiper Deflector : Various STC's Outsource process- Anodize per QSI017 4.1.10.1 Issue P/O to ATG : 1- Black Anodize as per Dwg 649.5100 2- PRIME AS PER DWG, SEE NOTE #2 Certification of Conformity is required	Firmed X16	-	9/4/20	16 pcs	0 pcs	16 pcs	\$9.82/pcs	\$157.12
		DAS 70 9-89						SEP 02 2020				
8	212208	647.3917	647.3900 Rev C2	Doubler : Various STC's Issue P/O to ATG : HARD ANODIZE, COLOR BLACK, AND PRIME AS PER DWG 647.3900 REV. C	Firmed X14	-	9/4/20	14 pcs	0 pcs	14 pcs	\$7.87/pcs	\$110.18
								SEP 02 2020				



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PURCHASE ORDER POHB046960



Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
9	210841	C45-1-1	C45-1-1 Rev 3	Manual Knob Release (Outsource process- Anodize per QSI017 4.1.10.1) -Issue PO -ANODIZE COLOR RED, PER IAW MIL-A- 8625 TYPE-2 CLASS-2, Water sealant -Material type; 6061 -Certificate of Conformity is required As Per DWG C45-1-1	Firmed X10	-	9/11/20	10 pcs	0 pcs	10 pcs	\$8.41/pcs	\$84.10
10	212432	649.5213	649.5200 Rev C	Doubler : Various STC's Issue P/O to ATG: AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.2, PRIME AS PER IAW MIL-PRF-23377 TYPE 1 CLASS N	Firmed X8	-	9/4/20	8 pcs	0 pcs	8 pcs	\$7.72/pcs	\$61.76
11	212430	649.5210	649.5200 C	Doubler : Various STC's (Outsource process- Anodize per QSI017 4.1.10.1) Issue P/O to ATG: AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.2, PRIME AS PER IAW MIL-PRF-23377 TYPE 1 CLASS N	Firmed X12	-	9/4/20	12 pcs	0 pcs	12 pcs	\$8.67/pcs	\$104.04
Grand Total:												\$821.00

Guerin



Dart Aerospace Ltd.
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Tel (613) 632-5200

PURCHASE ORDER
POHB046960



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 9/1/20 1:23 PM Dart.Guerin.Kimberley



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 920746

Date: 01-Sep-20

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Kimberley Guerin
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
✓ 10 ea	Part: 649.4814 Doubler Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Batch/Lot#: 5265778 Job: 28044 PO: POHB046960		Rev: E Expiry Date: 8/23/21 Line: 1
✓ 8 ea	Part: 649.5213 Doubler Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Batch/Lot # 5265778 Job: 28053 PO: POHB046960		Rev: C Expiry Date: 8/23/21 Line: 10
✓ 12 ea	Part: 649.5210 Doubler Black Hard Anodize per MIL-A-8625, Type III, Class 2 Primer Paint per MIL-P-23377J, Type 1, Class N Batch/Lot#: 5265778 Job: 28054 PO: POHB046960		Rev: C Expiry Date: 8/23/21 Line: 11
✓ 1 ea	Part: 646.9715 Body		Rev: J

RECEIVED
SEP 01 2020
DART AEROSPACE LTD.

1-Box

Made in Canada.

Made in Canada.

RECEIVED
SEP 01 2020
DART AEROSPACE LTD.

1-Box



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 920746

Date: 01-Sep-20

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Kimberley Guerin
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Batch/Lot#: 5265778 Expiry Date: 8/23/21 Job: 28045 Line: 2 PO: POHB046960		
✓✓ 16 ea	Part: 649.5113 Rev: D Wiper Deflector Shim Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (1 - 2 mils) per drawing. Batch/Lot#: 5265778 Expiry Date: 8/23/21 Job: 28049 Line: 6 PO: POHB046960		
✓✓ 16 ea	Part: 649.5110 Rev: D Wiper Deflector Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (1 - 2 mils) per drawing. Batch/Lot#: 5265778 Expiry Date: 8/23/21 Job: 28050 Line: 7 PO: POHB046960		
✓✓ 14 ea	Part: 647.3917 Rev: C2 Doubler Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils). Made in Canada.		

DAS
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9-89



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 920746

Date: 01-Sep-20

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Kimberley Guerin
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (1 - 2 mils) per drawing. Batch/Lot#: 5265778 Expiry Date: 8/23/21 Job: 28051 Line: 8 PO: POHB046960		
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>SEP 01 2020</u> Certified Signature: <u></u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.			
Made in Canada.			

DAS
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